



Westlake Polymers LP

LF 1020

Linear Low Density
Polyethylene

Typical Physical Properties

PROPERTY	EXPECTED VALUE		ASTM METHOD
MELT INDEX (gm/10 min.)	1.1		D 1238
DENSITY (g/cm ³)	0.918		D 1505
FILM GAUGE (mil)	1.0		WESTLAKE
*HAZE	15		D 1003
DART DROP IMPACT, F ₅₀ (grams)	120		D 1709A
ELMENDORF TEARS STRENGTH (grams)	MD	150	D 1922A
	TD	450	
TENSILE STRENGTH @ YIELD (psi)	MD	1,500	D 882
	TD	1,500	
TENSILE STRENGTH @ BREAK (psi)	MD	5,200	D 882
	TD	3,600	
ULTIMATE ELONGATION (%)	MD	670	D 882
	TD	900	
1% SECANT MODULUS (psi)	MD	27,000	D 882
	TD	30,000	

Applications

For agriculture film,
coextrusion, and trash can
liners.

Properties

Excellent mechanical with
Down gauging advantages

Typical film property as measured on a 1.0 mil blown film sample fabricated at a 2.5:1 B.U.R.

*Unformulated polymer only.

NOTES: KOSHER APPROVED

FDA

This material complies with FDA regulations in 21 CFR, section 177.1520, paragraph C, section 3.1a.

PROCESSING

Melt temperatures of 400° - 420°F are recommended for Westlake Polymers' LF 1020 with blow up ratios of 2:1 or higher.

NOTICE

Above properties represent typical values for the above material as measured by Westlake Polymers LP. The determination of suitability and fitness for use is the sole responsibility of the buyer and user.

Westlake makes no representation or warranty of any kind, express or implied, with respect to this product, whether as to merchantability, fitness for particular purpose or otherwise.

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Date: 08/16/04